

Converting Colors

Hex(008E6D)

Have a look what the booklet for
Hex(008E6D) contains.

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Color

Hex(008E6D)

Conversions

Conversions Part 1

Format	Color
Hex	008E6D
RGB	0, 142, 109
RGB Percent	0%, 56%, 43%
CMY	1.0000, 0.4431, 0.5725
CMYK	1.00, 0.00, 0.23, 0.44
HSL	166°, 100%, 28%
HSV	166°, 100%, 56%
XYZ	12.4333, 20.4501, 17.7600
YIQ	95.7800, -74.0390, -40.3670

Conversions

Conversions Part 2

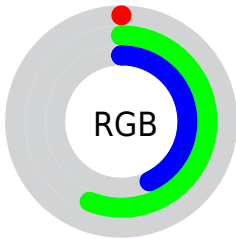
Format	Color
RYB	0, 80, 142
Decimal	36461
CIELab	52.34, -40.76, 8.56
CIELCh	52, 41.651, 168.146
Yxy	20.4501, 0.2455, 0.4038
Android (android.graphics.Color)	4278226541 (0xFF008E6D)
YUV	95.7800, 6.5175, -83.9991
Hunter-Lab	45.2218, -30.0613, 8.3703

Details

The Hex color **008E6D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E0021**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **54C5A0**, and **005B3E** is the 20% darker color. If you saturate the color by 10%, you get **008E6D**, and if you desaturate by 10%, it is **0E8E70**.

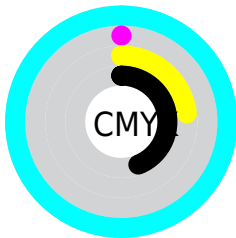
Distribution



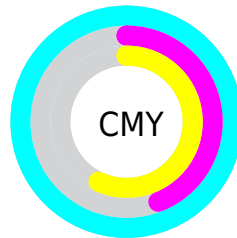
- Red (0%)
- Green (56%)
- Blue (43%)



- Red (0%)
- Yellow (31%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E6D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 008E6D by changing the saturation by 10% instead.

 008E6D

 008E6D

FFFFFF

 007455

 54C5A0

 005B3E

 71E1BB

 004228

 8EFED7

 002C13

 ABFFF4

 000F00

 C8FFFF

 000000

 E6FFFF

 008E6D

 0E8E70

 1C8E74

 2B8E77

 398E7A

 478E7E

 558E81

 638E84

 728E87

 808E8B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



538A4B



008E6D



008F92

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



008E6D



6879C1



B66949

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



008E6D



8E0021

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C05F69



008E6D



9B6BAD

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



008E6D



0085C2



B8608D



9E7635

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



008E6D



008DA8



B8608D



BB6553

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



008E6D



81B8AB



218E00



3B5C54



DBDBDB



5C5C5C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



008E6D



00B88D



00688E



404746



008768



000806

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8E0021



B8002B



8E2600



474042



87001F



080002

Previews

White Background



This preview shows how the Hex color 008E6D looks on a white background.

Color Contrast Check

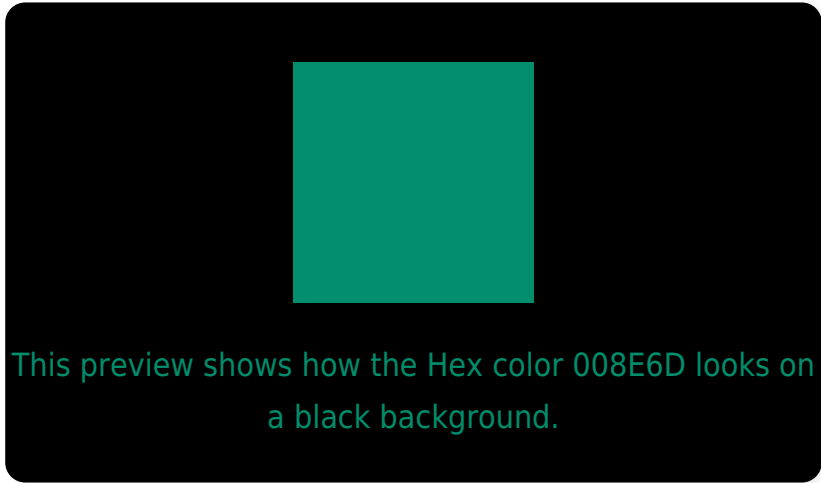
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

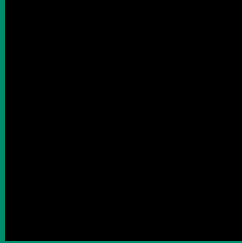
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008E6D Background



This preview shows how black text looks on a background with the Hex color 008E6D.

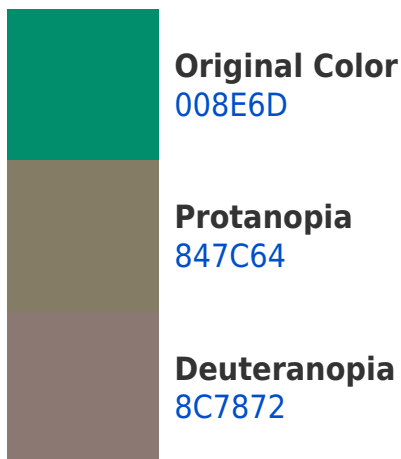


This preview shows how white text looks on a background with the Hex color 008E6D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
008E6D



Protanomaly
548367



Deuteranomaly
598070



Tritanomaly
1D8B86

Monochromacy



Original Color
008E6D



Achromatopsia
606060



Achromatomaly
3D7165

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E6D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #008E6D looks like.

```
.text, #text, p{  
    color:#008E6D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #008E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E6D
}
```

Border

The CSS property to change the border of an element to Hex 008E6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#008E6D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#008E6D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #008E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E6D; -webkit-box-shadow:4px 4px  
4px 4px #008E6D; box-shadow:4px 4px 4px  
4px #008E6D }
```

Background

The CSS property to change the background color of an element to Hex 008E6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E6D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#008E6D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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